

Technical Cybersecurity

Google Hacking: Operators

Google Operators

GOOGLE SUPPORTS A RANGE OF OPERATORS

- ▶ Search for tokens in URLs
- ▶ Search for types of files
- ▶ Search for usernames, other sensitive information

COMBINE OPERATORS

- ▶ <operator>:<token>
- ▶ Be careful not to do things that will interpret as search terms

Using inurl

TRY THIS

- ▶ `inurl:unm filetype:doc`
- ▶ `inurl:unm filetype:xls`

hmmmmmm...

1 Reference Check Form - UNM HR

[unm.edu/docs/employment/reference-checking-guide.doc](#) ▼
t.

1-011

[unm.edu/CEFNS/Forestry/CPCESU/_Forms/Project.../UNM/UNM-011/](#)
Juniper Restoration Monitoring Bandelier National Monument Final Repo
restoration Monitoring, Bandelier National ...

1-066

[unm.edu/CEFNS/Forestry/CPCESU/_Forms/Project.../UNM/UNM-066/](#)
er: R869011008 Award Number: P11AT10347 UNM-66 Park/NPS Unit:
ark Title of Project: Emergency Stabilization, ...

1-002 - Northern Arizona University

[unm.edu/CEFNS/Forestry/CPCESU/_Forms/Project.../UNM/UNM-002/](#)
T ABSTRACT Colorado Plateau Cooperative Ecosystem Studies Unit (C
H1200-004-0002) Park: Southern Colorado Plateau ...

er school of science & technology - AIMS@UNM

[unm.org/admissions/AIMS%20Application%202013-2014.doc](#) ▼

U/UNM Cooperative Pharmacy Program

[nmsu.edu/files/2013/11/2017-UNM-NMSU-application-rev-Sept-8.c](#)

que Internship - Bosque School

[ieschool.org/uploads/files/UNM%20syllabus%20spring%202016.d](#)

Extract Metadata

VARIOUS TOOLS

- ▶ exiftool
- ▶ libextractor
- ▶ MS Word (or whatever)
- ▶ Apache Tika
- ▶ Various forensics tools

```
File Version Number      : 11.11
Name                     : reference-check
Directory                : .
Size                     : 66 kB
Modification Date/Time   : 2018:10:23 09:
Access Date/Time         : 2018:10:23 09:
inode Change Date/Time   : 2018:10:23 09:
Permissions              : rw-r--r--
Type                     : DOC
Type Extension           : doc
MIME Type                : application/msword
Word Version             : Word 8.0
Language Code            : English (US)
Tags                     : Has picture, 1
                          : 2018:10:23 09:
                          : Windows
                          : No
                          : rw-r--r--
                          : UNM Reference
                          : Employment
                          : UNM HR
                          :
                          :
                          : doc
                          : Normal.dotm
```

Next, let's take a look at some other ways you can gather information.